

PTO/SB/21 (08-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/665,888	
	Filing Date	September 19, 2003	
	First Named Inventor	Chong-Sheng YUAN	
	Art Unit	1651	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	466992000900

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement, 3 pages <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449, 1 page (in duplicate) (14) References Return Postcard		
<table border="1"><tr><td>Remarks</td><td><b>CUSTOMER NO. 25225</b></td></tr></table>			Remarks	<b>CUSTOMER NO. 25225</b>
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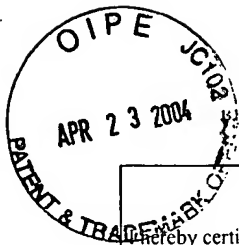
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	MORRISON & FOERSTER LLP Laurie L. Hill - 51,804
Signature	
Date	April 21, 2004

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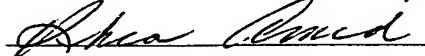
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PATENT  
Docket No. 466992000900

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Rhea Amid

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Chong-Sheng YUAN

Serial No.: 10/665,888

Filing Date: September 19, 2003

For: DETECTION OF POTASSIUM IONS  
USING ION-SENSITIVE ENZYMES

Examiner: Unassigned

Group Art Unit: 1651

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \_\_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

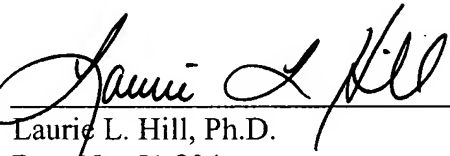
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 466992000900. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 21, 2004

Respectfully submitted,

By:   
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Form PTO-1449

Docket Number 466992000900

Application Number 10/665,888

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Chong-Sheng YUAN

Filing Date September 19, 2003

Group Art Unit 1651

Mailing Date April 21, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	03/1996	5,501,958	Berry et al.	435	18	
	2.	08/1994	5,334,507	Soya et al.	435	25	
	3.	02/1998	5,719,036	Tadano et al.	435	26	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	4.	Bergmeyer et al., Methods of Enzymatic Analysis (Bergmeyer H.U. ed) 2 <sup>nd</sup> V.1, 505-507, Academic Press, Inc., New York NY (1974).
	5.	Bettocchi et al., Biosens. Bioelectron 11:1-10 (1996).
	6.	Biochemistry 11:1726 (1972).
	7.	Bonucchi et al., Int. J. Artif. Organs 10:352-56 (1987).
	8.	Inouye et al., J. Biochem. 131:97-105 (2002).
	9.	Kimura et al., Ann. Clin. Biochem. 34:384-388 (1997).
	10.	Lepinas et al., Clin. Chem. 35(4):654-58 (1989).
	11.	Näslund et al., Clin. Chem. 44(9):1964-73 (1998).
	12.	Roon et al., J. Biol. Chem. 247(13):4107-13 (1972).
	13.	Roon et al., Methods Enzymol. 17A:317-24 (1970).
	14.	Sumrada et al., J. Biol. Chem. 257(15):9119-27 (1982).
	15.	Tabata et al., J. Biolumin. Chemilumin. 2:63-67 (1988).
	16.	Tietz, Textbook of Clinical Chemistry, p.1841, W.B. Saunders Co., Philadelphia (1986).
	17.	Watson et al., Molecular Biology of the Gene, 4 <sup>th</sup> Ed., The Benjamin/Cummings Pub. Co., p. 224 (1987).

EXAMINER:

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

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IN AN APPLICATION

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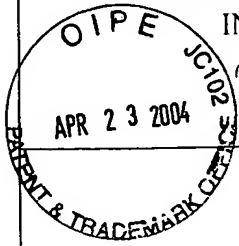
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	6.	Biochemistry 11:1726 (1972).
	7.	Bonucchi et al., Int. J. Artif. Organs 10:352-56 (1987).
	8.	Inouye et al., J. Biochem. 131:97-105 (2002).
	9.	Kimura et al., Ann. Clin. Biochem. 34:384-388 (1997).
	10.	Lespinas et al., Clin. Chem. 35(4):654-58 (1989).
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